**Tabelle 1 Studienplan Maschinenbau (B. Eng.)**

| | 1. Sem. | | | | 2. Sem. | | | | 3. Sem. | | | | 4. Sem. | | | | 5. Sem. | | | | 6. Sem. | | | | 7. Sem. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pflichtmodule** | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | Σ CP |
| Mathematik I/II | 4 | 2 | | 5 | 4 | 2 | | 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| Physik I/II | 2 | 2 | 1 | 5 | 2 | 2 | 1 | 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| Werkstoffkunde/Chemie | 4 | | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Werkstofftechnik I/II | | | | | | | | | 2 | | 1 | 5 | 3 | | 1 | 5 | | | | | | | | | | | | | 10 |
| FEM/Informatik | | | | | | | | | | | | | 2 | | 2 | 5 | | | | | | | | | | | | | 5 |
| Technische Mechanik I/II/III | 3 | 2 | | 5 | 3 | 2 | | 5 | 3 | 1 | | 5 | | | | | | | | | | | | | | | | | 15 |
| Getriebetechnik | | | | | | | | | | | | | 2 | 1 | 1 | 5 | | | | | | | | | | | | | 5 |
| Elektrotechnik | | | | | | | | | 2 | 1 | | 2,5 | | | 1 | 2,5 | | | | | | | | | | | | | 5 |
| Technische Thermodynamik | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | | | | | | | | | 5 |
| Wärme- und Strömungstechnik | | | | | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | | | | | 5 |
| Fertigungstechnik I/II/III/IV | 4 | | | 5 | 4 | | | 5 | 3 | | 1 | 5 | | | | | | | | | 3 | | 1 | 5 | | | | | 20 |
| Fertigungsmesstechnik | | | | | | | | | 3 | | | 2,5 | | | 1 | 2,5 | | | | | | | | | | | | | 5 |
| Konstruktion I/II/III/IV/V/VI | 2 | 1 | | 5 | 2 | 1 | | 5 | 2 | 1 | 1 | 5 | 2 | 1 | 1 | 5 | 1 | 1 | | 5 | 2 | 1 | | 5 | | | | | 30 |
| Automatisierungstechnik | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | | | | | 5 |
| Antriebstechnik | | | | | | | | | | | | | | | | | | | | | 4 | | 1 | 5 | | | | | 5 |
| Industriebetriebslehre | | | | | 3 | 1 | | 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| Qualitätsmanagement | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | 5 |
| **Wahlpflichtmodule 6. Semester: 2 zu wählen** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kraft- und Arbeitsmaschinen | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | 10 |
| Werkzeugmaschinen | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | |
| Arbeitsvorbereitung | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | |
| Fabrikplanung/Logistik | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | |
| **Wahlpflichtmodule 7. Semester: 1 zu wählen** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fertigungstechnik V | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 5 | 5 |
| Konstruktion VII | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 5 | |
| **Ergänzende Wahlpflichtmodule 5., 6. u. 7. Sem.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schlüsselqualifikationen | | | | | | | | | | | | | | | | | 4 | | | 5 | 4 | | | 5 | 4 | | | 5 | 10 |
| Technisches Wahlpflichtmodul nach Katalog | | | | | | | | | | | | | | | | | 4 | | | 5 | 4 | | | 5 | 4 | | | 5 | 5 |
| **Ingenieurpraktikum** | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | 15 |
| **Bachelorarbeit** | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 |
| **Kolloquium** | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| Summe SWS ECTS | | | 28 | 30 | | | 27 | 30 | | | 25 | 30 | | | 22 | 30 | | | 10 | 30 | | | 24 | 30 | | | 11 | 30 | 210 |